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SECOND ANNUAL REPORT
OF
THE TRUSTEES
OF THE
TEMPORARY ASYLUM FOR THE CHRONIC INSANE
AT
WORCESTER,
FOR THE YEAR ENDING SEPTEMBER 30, 1879.

BOSTON:
Rand, Aberg, & Co., Printers to the Commonwealth,
117 FRANKLIN STREET.
1880.



OFFICERS OF THE ASYLUM.

TRUSTEES.

GEN. WILLIAM S. LINCOLN	WORCESTER.
THOMAS H. GAGE, M.D.	WORCESTER.
COL. JOHN D. WASHBURN	WORCESTER.
PROF. JAMES B. THAYER	CAMBRIDGE.
ROBERT W. HOOPER, M.D.	BOSTON.

RESIDENT OFFICERS.

HOSEA M. QUINBY, M.D.	SUPERINTENDENT.
WILLIAM H. RAYMENTON, M.D.	ASSISTANT PHYSICIAN.
CHARLES H. SAFFORD	STEWARD.
SOPHIA N. GRAVES	MATRON.
CLARENCE R. MACOMBER	CLERK.

WILLIAM SHERMAN	ENGINEER.
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TREASURER.

ALBERT WOOD	WORCESTER.
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Commonwealth of Massachusetts.

TRUSTEES' REPORT.

To his Excellency the Governor and the Honorable Council.

THE Trustees of the Worcester Lunatic Hospital, acting as Trustees of the Temporary Asylum for the Chronic Insane, respectfully submit their Second Annual Report; and refer for additional details to the annexed reports of the Superintendent and Treasurer.

MOVEMENT OF POPULATION.

At the close of the year ending Sept. 30, 1878, there were remaining in the Asylum 375 patients; and there have been received during the year 47: so that a total number of 422 have been under treatment. Of these, 33 have died; one has eloped; seventeen have been discharged to the care of overseers of the poor, or to friends; and 371 remain. The daily average number has been a small fraction above 367.

The actual working of the law under which the Asylum for the *Chronic* Insane came into existence, has resulted, whether the Legislature so intended or not, in peopling this institution almost entirely with the *incurable* insane. This accounts for the meagre report of *recoveries* as compared with other institutions in the State devoted to the care and treatment of this unfortunate class. Our humbler efforts here are directed to the relief and mitigation of an affliction which will only, in most cases, be completely removed when the sufferers cease to exist.

COST OF MAINTENANCE.

The average weekly cost of supporting patients during the year has been \$2.86. This might perhaps be slightly reduced, should present cost of living continue, if the number of patients were kept up to the full capacity of the Asylum, which is 400.

REPAIRS.

Allusion was made in our last report to the work of repairs on the buildings and grounds.

It was stated that these had been pushed forward as rapidly as possible, but were not yet completed. The expense of repairs up to that time, which had been paid out of the accumulated funds of the Worcester Lunatic Hospital, for reasons then stated, was given as \$8,706.86. Since that report was made, the Hospital has paid bills, which had then been incurred but remained unpaid, to the amount of \$427.89; making a total of expenditure for repairs at the old building, by the Hospital, of \$9,134.75.

The belief was expressed that what remained to be done could be paid for out of the earnings of the institution. Accordingly, as the work has progressed, it has been paid for in that manner, and appears in the Treasurer's report under the head of repairs, amounting to \$4,179.57. There is included in this item, renewal of steam-heating apparatus in the centre of the house, re-building of fences, building of bins for storage of coal, paving gutters under the eaves, complete renovation of the interior-finish of one of the wards in the south wing, &c. The work thus begun we hope to be able to continue until all the wards in the "old wings" are renovated.

GARDEN.

The success which has attended the operations in the vegetable garden during the year, certainly appears to justify the action of the Trustees in allowing the use for that purpose of the lot east of Mulberry Street. This lot, containing about four acres, has been entirely cultivated by the labor of the patients, under the direction of a gardener, and has furnished the table with all vegetables used, except potatoes.

Viewed in the light of economy, this is by no means a trifling matter; but when we consider how great the benefit of such occupation has been to the patients themselves, it shows to double advantage. We think the lot should remain intact, and be used for its present purpose as long as a manifest good results from such application.

CHANGE IN OFFICIAL STAFF.

Early in February, 1879, Dr. John G. Park, Superintendent of the Asylum, left it to take the superintendency of the Worcester Lunatic Hospital. On the 24th of the same month the Trustees made choice of Dr. H. M. Quinby, who had been for many years an assistant physician at the Hospital, to fill the vacancy occasioned by Dr. Park's departure. Dr. Marston, who had been Assistant Physician, having also left to take Dr. Quinby's place in the staff of the Hospital, choice was made of Dr. W. H. Raymenton to be Assistant Physician at the Asylum.

No other changes have occurred; and we take particular pleasure in adding, that all the affairs of the institution have been conducted harmoniously and with apparently mutual confidence and respect on the part of Trustees and Officers.

THOMAS H. GAGE.
JOHN D. WASHBURN.
JAMES B. THAYER.
R. W. HOOPER.

VALUE OF STOCK AND SUPPLIES

SEPT. 30, 1879.

Live stock	\$250 00
Carriage and agricultural implements	562 30
Machinery and mechanical fixtures	2,800 00
Beds and bedding in inmates' department	8,296 00
Other furniture in inmates' department	1,764 48
Personal property of State in Superintendent's department	8,515 32
Ready-made clothing	911 05
Dry-goods	1,075 77
Provisions and groceries	2,195 73
Drugs and medicines	193 81
Fuel	1,973 49
Library	100 00
	<hr/>
	\$28,637 95

TREASURER'S REPORT.

To the Trustees of the Asylum for the Chronic Insane.

GENTLEMEN, — I herewith submit my Second Annual Report on the finances of the Asylum for the Chronic Insane, for the year ending Sept. 30, 1879:—

RECEIPTS.

Cash on hand Sept. 30, 1878:		
belonging to Asylum	\$2,329 55	
deposits of inmates	364 19	
	<hr/>	\$2,693 74
Amount received:		
From the Commonwealth for support of patients .	\$19,146 51	
cities and towns for support of patients .	50,487 34	
	<hr/>	\$69,633 85
other sources		611 89
patients (on deposit)		81 87
		<hr/>
		\$73,021 35

The expenditures for the year have been as follows:—

Salaries and wages	\$20,205 56	
Extra labor (ordinary)	73 73	
	<hr/>	\$20,279 29
Provisions and supplies, viz.:		
Meats of all kinds	\$3,197 96	
Fish of all kinds	559 82	
Fruit and vegetables	1,491 20	
Flour, 532 barrels, at \$5.36	2,853 60	
Grain and meal for table	92 22	
Grain, meal, and hay for stock	212 35	
Tea and coffee	867 85	
Sugar and molasses	1,506 02	
Milk, butter, and cheese	5,208 59	
Salt and other groceries	446 88	
All other provisions	2,073 65	
	<hr/>	\$18,510 14
Amount carried forward		\$38,789 43

<i>Amount brought forward</i>	\$38,789 43
Clothing and material	3,519 01
Fuel and light	6,238 05
Medicine and medical supplies	282 93
Furniture, beds, and bedding	2,126 92
Transportation and travelling	226 95
Repairs	4,179 57
Appraisers	75 00
All other current expenses	1,933 66
	<hr/>
	\$18,582 09
Total current expenses	\$57,371 52
Worcester Lunatic Hospital for Supplies left in building Oct. 23, 1877	2,825 66
Refunded inmates from deposits	51 23
	<hr/>
	2,876 89
Total amount expended	60,248 41
Cash on hand Sept. 30, 1879	12,772 94
	<hr/>
	\$73,021 35

RESOURCES.

Cash on hand	\$12,772 94
Due from the Commonwealth	4,583 86
cities and towns	10,658 41
other sources	57 72
	<hr/>
	\$28,072 93

LIABILITIES.

Due for supplies and expenses	3,823 97
salaries and wages	1,633 42
inmates (cash on deposit)	394 83
	<hr/>
	5,852 22
Total surplus	\$22,220 71

Respectfully submitted.

ALBERT WOOD, *Treasurer*.

ASYLUM FOR THE CHRONIC INSANE, Oct. 1, 1879.

WORCESTER, MASS., Oct. 14, 1879.

The undersigned has examined the account of the Treasurer of the Asylum for the Chronic Insane, and has inspected all the vouchers of expenditures from Oct. 1, 1878, to Sept. 30, 1879, inclusive.

He finds all the items properly vouched, every voucher being endorsed with the approval of the Superintendent, and with that of the Auditor.

THOMAS H. GAGE, *Auditor of Accounts*.

SUPERINTENDENT'S REPORT.

To the Trustees of the Asylum for the Chronic Insane.

GENTLEMEN,—I herewith present the Second Annual Report of the Superintendent of this institution.

TABLE No. 1.

Movement of Population.

Date.		Male.	Female.	Total.
1878.				
Sept. 30.	Remainin ^g in the Asylum	173	202	375
Oct. 10.	Transferred from State Almshouse, Tewksbury	—	2	2
22.	Transferred from State Almshouse, Tewksbury	15	—	15
1879.				
Feb. 5.	Transferred from State Almshouse, Tewksbury	2	2	4
Mar. 12.	Transferred from State Almshouse, Tewksbury	—	1	1
Aug. 19.	Transferred from Danvers Hospital for Insane	13	12	25
	Total	203	219	422

This number represents 421 persons, one female having been discharged to the care of the Overseers of the Poor, committed to the Danvers Hospital, and again transferred to this Asylum.

TABLE NO. 2.

Form of Disease of Patients admitted.

	Male.	Female.	Total.
Chronic mania	8	11	19
Dementia	11	3	14
Paresis	1	—	1
Epilepsy	7	2	9
Imbecility	2	—	2
Recurrent mania	—	1	1
Paralytic with maniacal attacks	1	—	1
Total	30	17	47

TABLE NO. 3.

Number of Patients Discharged and their Condition at time of Discharge.

	Male.	Female.	Total.
Improved	4	3	7
Not improved	2	9	11
Died	22	11	33
Total	28	23	51
Remaining Sept. 30, 1879	175	196	371

Of the number discharged, 7 were removed by friends, 6 by the Overseers of the Poor, 4 by the Board of State Charities, and 1 eloped.

TABLE No. 4.
Cause of Death.

	Males.	Females.	Total.
Phthisis	2	6	8
Exhaustion of chronic mental disease	3	2	5
Epilepsy	3	3	6
Pneumonia	3	—	3
Paresis	8	—	8
Intestinal obstruction	1	—	1
Rupture of the intestines	1	—	1
Congestive apoplexy	1	—	1
Total	22	11	33

During the year the house has been free from accidents of a fatal or serious character, and from any unusual sickness, notwithstanding the fact that a large proportion of the inmates are so far enfeebled as to render their tenure of life extremely precarious. Completely wrecked in mind and body, they succumb rapidly to slight disturbing influences.

TABLE No. 5.
Showing Nativity of Patients Admitted.

	Males.	Females.	Total.
Maine	—	1	1
Vermont	2	—	2
Massachusetts	9	4	13
Rhode Island	1	—	1
Michigan	1	—	1
Total Americans	13	5	18
Ireland	14	12	26
England	1	—	1
Nova Scotia	1	—	1
Spain	1	—	1
Total foreigners	17	12	29
Total persons	30	17	47

TABLE NO. 6.
Showing Residence of Patients Admitted.

COUNTY.	Male.	Female.	Total.
Middlesex	7	2	9
Suffolk	6	11	17
Unknown	17	4	21
Total	30	17	47

TABLE NO. 7.
Showing the Ages of Patients Admitted, Discharged, and Died during the Year.

AGES.	ADMITTED.			DISCHARGED.			DIED.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
From 15 to 20	4	2	6	—	—	—	—	—	—
20 to 25	4	2	6	3	1	4	—	—	—
25 to 30	2	2	4	—	1	1	1	1	2
30 to 35	3	—	3	—	1	1	6	4	10
35 to 40	7	5	12	—	2	2	1	1	2
40 to 50	6	3	9	—	2	2	2	2	4
50 to 60	1	2	3	2	2	4	6	1	7
60 to 70	1	—	1	—	1	1	—	1	1
70 to 80	—	—	—	—	1	1	3	1	4
80 to 90	2	1	3	—	—	—	1	—	1
Unknown	—	—	—	1	1	2	2	—	2
Total	30	17	47	6	12	18	22	11	33

TABLE NO. 8.

Showing by whom the Patients have been supported during the Year.

	Male.	Female.	Total.		Male.	Female.	Total.
State	59	66	125	<i>Brought forward .</i>	168	198	366
Boston	66	89	155	Newton	1	1	2
Acton	1	—	1	Newburyport	—	2	2
Brookfield	1	3	4	Needham	3	—	3
Beverly	2	1	3	Natick	—	1	1
Brookline	—	1	1	Northampton	1	—	1
Bradford	—	1	1	Plymouth	1	—	1
Blackstone	1	—	1	Pembroke	1	—	1
Concord	1	—	1	Peabody	1	—	1
Chelsea	9	5	14	Pittsfield	—	1	1
Cambridge	6	8	14	Quincy	1	—	1
Clinton	—	1	1	Randolph	1	—	1
Cohasset	—	1	1	Stoneham	2	1	3
Chelmsford	1	—	1	Sutton	1	—	1
Douglas	1	—	1	Swampscott	1	—	1
Dighton	—	1	1	Scituate	—	1	1
Edgartown	1	—	1	Salem	2	3	5
Essex	1	—	1	Southampton	—	1	1
Franklin	2	1	3	Shrewsbury	—	1	1
Fitchburg	—	2	2	Sherburne	1	—	1
Fall River	1	—	1	Southbridge	—	1	1
Holliston	1	—	1	Sharon	1	—	1
Haverhill	—	2	2	Somerville	1	—	1
Lawrence	1	1	2	Templeton	—	1	1
Lynn	2	3	5	Tewksbury	—	1	1
Lowell	1	1	2	Uxbridge	1	1	2
Leicester	1	—	1	Westborough	1	—	1
Lincoln	—	1	1	Woburn	—	2	2
Marblehead	1	2	3	Warren	1	—	1
Malden	2	—	2	Waltham	1	—	1
Medfield	—	2	2	Wakefield	3	—	3
Manchester	1	1	2	Wilmington	—	1	1
Melrose	—	2	2	Westford	2	—	2
Medway	—	1	1	Worcester	1	1	2
Millbury	1	1	2	Webster	3	—	3
Medford	2	1	3	Walpole	1	—	1
Milford	2	—	2	Weymouth	2	—	2
<i>Carried forward .</i>	168	198	366	<i>Total</i>	203	218	421

TABLE NO. 9.

Showing Daily Average Number of Patients for each Month for the Year; the Largest and the Smallest Number of Patients in the Asylum at any Time.

DAILY AVERAGE.					Male.	Female.	Total.
1878.							
October	.	.	.	.	172.32	200.68	373
November	.	.	.	.	175.93	196.90	372.83
December	.	.	.	.	182.58	196	378.58
1879.							
January	.	.	.	.	175.94	195.19	371.13
February	.	.	.	.	173.97	196.06	370.03
March	.	.	.	.	172.26	195.12	367.38
April	.	.	.	.	169.30	193	362.30
May	.	.	.	.	168	191.35	359.35
June	.	.	.	.	168	191	359
July	.	.	.	.	166.26	190.77	357.03
August	.	.	.	.	170.45	194.20	364.65
September	.	.	.	.	176.37	197.53	373.90
Total daily average for the year ending Sept. 30, 1879 . . . .					.	.	367.41
Largest number in the Asylum at any time					186	197	383
Smallest number in the Asylum at any time					165	189	354

TABLE NO. 10.

Showing Number of Articles made by the Female Patients.

Articles.	Number.	Articles.	Number.
Aprons	72	<i>Brought forward</i> . .	1,128
Apron ticking	16	Napkins	41
Camisoles	9	Neck-handkerchiefs . .	2
Curtains	148	Pillows (hair)	336
Chemise	240	Pillow-slips	394
Clothes-bags	24	Pillow-ticks	14
Coffee-bags	4	Quilts	112
Drawers (pairs)	106	Sheets	402
Dresses	322	Sacks	22
Hats trimmed	29	Skirts	143
Ironing-sheets	4	Shirts	10
Lambrequins	4	Suspenders	78
Mittens (pairs)	12	Towels	743
Mattresses	99	Table-cloths	28
Mattress-ticks	5	Under-waists	16
Night-dresses	34	Total number	3,469
<i>Carried forward</i>	1,128		

TABLE NO. 11.

Products of the Garden.

Beets	220 bushels.	Cabbages	2,000 heads.
Parsnips	252 bushels.	Turnips	30 bushels.
Celery	2,000 heads.	Squashes	2 tons.
Cucumbers	25 bushels.	Sweet corn	150 bushels.
Tomatoes	120 bushels.	Onions	50 bushels.
Lettuce	600 heads.	Beans	40 bushels.
Radishes	50 dozen.	Egg plant	3 dozen.
Peppers	1 peck.		

STATEMENT

SHOWING NET COST OF MAINTENANCE TO SEPT. 30, 1879.

(Fifty-two weeks.)

Flour, 503 barrels	\$2,714 75
Flour (Graham), 15 barrels	65 25
Corn and rye meal, 3,780 pounds	46 61
Oatmeal, 1,294 pounds	42 37
Hominy, 799 pounds	19 21
Cracked wheat, 488 pounds	17 74
Crackers, 42 barrels	116 50
Fresh beef, 10,018 pounds	1,123 68
Corned beef, 21,950 pounds	1,097 50
Soup beef, 5,477 pounds	160 91
Lamb and mutton, 1,905 pounds	207 32
Poultry, 1,010 pounds	172 43
Fresh pork, 3,668 pounds	244 12
Salt pork, 4 barrels	50 50
Sausage, 1,128 pounds	82 39
Hams, 446 pounds	40 07
Fish (fresh), 13,397 pounds	387 47
Fish (salt), 2,960 pounds	154 43
Vegetables	98 29
Potatoes, 1,147 bushels	917 94
Potatoes (sweet), 80 bushels	59 05
Beans, 95½ bushels	143 57
Rice, 620 pounds	46 12
Salt, 11¼ barrels	27 69
Spices	36 99
Vinegar	56 26
Sugar, 16,997 pounds	1,230 18
Molasses, 567 gallons	239 25
Syrup, 105 gallons	50 65
Lard, 3,092 pounds	217 91
Eggs, 1,536 dozen	283 57
Butter, 10,967 pounds	1,952 93
Cheese, 1,550 pounds	143 65
Milk, 69,994 quarts	3,149 72
Coffee, 2,389 pounds	512 09
Tea, 1,141 pounds	442 14
<i>Amount carried forward</i>	<i>\$16,351 25</i>

<i>Amount brought forward</i>		\$16,351 25
Chicory, 140 pounds		13 35
Ice, 169,284 pounds		253 94
Fruit		266 45
Dried fruit		40 94
Raisins, 26 boxes		48 90
Bi-carb. soda, 289 pounds		14 45
Cream of tartar, 281 pounds		83 08
Tobacco, 268 pounds		126 88
Groceries (miscellaneous)		133 23
Medicines		242 47
Disinfectant		35 36
Soap (hard and soft)		468 07
Starch, 376 pounds		22 80
Hay, 7,346 pounds		61 25
Straw, 37,437 pounds		242 56
Provender		113 75
Dry-goods (including women's clothing and furnishings)		937 95
Clothing (including men's clothing and furnishings)		1,243 90
Boots, shoes, and slippers		408 63
Blankets and spreads		415 12
Crockery and glass		304 71
Furniture		396 17
House furnishings		325 36
Stationery		167 51
Seeds and plants		84 16
Gas, 529,900 cubic feet		1,510 25
Coal, 808½ tons (gross)		4,124 89
Charcoal		58 75
Undertakers' charges		229 00
Postage		52 25
Transportation		177 15
Travelling		49 80
Oil (machinery and lights)		62 70
Labor (ordinary)		73 73
Repairs (materials and labor)		3,935 69
Water (from Worcester City Water-Works)		424 24
Current expenses		1,665 65
<i>Net supplies issued to Sept. 30, 1879,</i>		<u>\$35,166 34</u>
Supplies expended as above	\$35,166 34	
Pay-roll to Sept. 30, 1879	20,046 59	
	<u>55,212 93</u>	
Less sundry sales	611 89	
<i>Net expenditures</i>		<u>\$54,601 04</u>
Dividing this expenditure (\$54,601.04) by the average daily number of patients (367.41) gives the cost of each patient for 52 weeks		\$148 61
This amount divided by 52 weeks gives the weekly cost per patient		\$2 86

It was not deemed advisable, at the opening of the Asylum, to make any reduction in the quality or quantity of the dietary from that found necessary in other hospitals for the insane.

In a household like ours, where the larger number are suffering from wasting diseases, and all are of a low degree of vitality, a generous diet is a necessity.

In the department of supplies, the utmost care has been exercised in the selection and purchase of articles of subsistence. Variety in diet has been secured, and economy encouraged, by holding each employé strictly accountable for all unnecessary waste.

It has not seemed judicious or safe to materially reduce the number of our attendants. A majority of the inmates are subject to periodical attacks of violence; many are uniformly turbulent; and the class of dangerous epileptics is well represented.

One attendant to thirteen patients is, in my opinion, the least number that can be employed with due regard for the safety and well-being of our inmates.

The pleasure manifested by so many of our people in the chapel service; in the regular weekly entertainments furnished during the winter by the officers and employés, and in the books sent them, reminds us that they are still susceptible of moral influences, and that we cannot justly neglect any means that can possibly make them more happy and contented in their enforced seclusion, whether it be personal attention, entertainments, exercise in the open air, employment in useful labor, or the beautifying the wards with birds and flowers.

The labor performed by the patients during the year has helped materially in reducing the cost of their support. With the aid of the attendants and patients alone, most of our mattresses have been taken apart, the hair thoroughly cleansed, picked over, and made up again; much of our furniture has been repaired and redressed; the necessary painting and glazing done; a portion of our garden trenched; gutters laid about the building; not to mention the material assistance rendered our carpenter and mason on the repairs now being made. For the present, and until we can bring our building up to the condition, as regards repairs, which is

absolutely requisite, the demand for laborers of every capacity will exceed the supply. Thereafter it may be feasible to put in operation some system whereby a certain class of our patients, now for the most part idle, may be taught some useful employment.

Our garden, in the same hands as last year, has continued to furnish us with an abundance of vegetables. The entire tract now in cultivation is none too large for the purpose for which it is employed, and should, I think, be set apart for the permanent use of the Asylum.

The repairs have been carried on slowly but steadily, being limited and somewhat delayed by the uncertainty as to the means at our command. During the year, new steam-heating apparatus has been introduced into the centre building; six of the wards re-painted; a portion of the fences in the rear of the Asylum rebuilt; a coal-shed erected to enable us to store a year's supply of coal; and in the lower ward of the male wing, all the plastering, and much of the standing finish, has been removed; the transoms and ventilators enlarged; direct heat introduced into several of the rooms; and a drying-shaft for mops and towels placed in the ward and dining-room. In compliance with a vote of the Trustees, material is now being purchased to repair, in like manner, the five remaining wards in the two wings.

In behalf of the patients of the Asylum, I wish to thank Dr. R. W. Hooper for the full sets of "St. Nicholas" for 1878 and 1879, presented by him; and the proprietors of the "Worcester Evening Gazette" for a copy of their paper during the year.

The good order which has prevailed in the Asylum during the year, and the prosperity which has marked all its affairs, could not have been secured save by the united efforts of its officers and employés. To each and to every one who has contributed to these results, I would express my sincere thanks.

H. M. QUINBY, *Superintendent.*

ASYLUM FOR THE CHRONIC INSANE, Oct. 1, 1879.

APR 25 '89 W.P.A.

